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NPIC/D-49-61
3 May 1961

MEMORANDUM FOR: Chief, Nuclear Energy Division, OSI

SUBJECT: Study on PI Support of a Nuclear Test
Ban Treaty; Forwarding of

1. Attached is a brief, preliminary report indicating some of the effort and materiel which might be required of the National Photographic Interpretation Center to support a Nuclear Test Ban Treaty if and when such a treaty is signed. The report was prepared by [redacted] NPIC's representative on the Working Group to study intelligence support of a Nuclear Test Ban. It has been rapidly compiled to assist the Working Group to meet its 15 May deadline.

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2. It must be emphasized that this is merely an introduction to the subject. Should a Nuclear Test Ban Treaty appear to be imminent, it would be necessary for this Center to extend its planning in scope and depth, particularly in regard to the duration of our effort and the interface adjustments that would be necessary in our current highest priority work schedule.

3. We believe that the possibility of a test ban along with the other aspects of disarmament will be of continued interest to the intelligence community and that photographic intelligence will continue to play a large role in this field. For this reason, this Center is willing to have [redacted] continue his participation in the Working Group if further action is required.

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4. Finally, as bits of collateral information which may be useful for background purposes, there are enclosed herewith three documents which were prepared some years ago for the Air Space Committee of the U.S. Preparatory Group for the Technical Discussions on Safeguards Against Surprise

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**Attack. We would like to have these latter documents returned
to NPIC as soon as you are finished with them.**

A. C. LUNDHAL
Director

Enclosures:

- A. PI Support of a Nuclear
Test Ban Treaty (Report
dated April 1961)**
- B. Statistical Summary**
- C. An Effort to Index Com-
parisons of Aerial Recon-
naissance Sensors (Rpt)**
- D. Approximate Simulations of
Aerial Photography (Rpt)**

Distribution:

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NPIC:OD:ACL: [] (3 May 61)

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